

What is claimed is:

1. A microwave signal combiner comprising:

a dielectric board having first and second surfaces;

a microstrip main line disposed on said first surface;

a plurality of cascaded microstrip coupled lines disposed on said second surface, each for receiving a microwave signal for coupling to said microstrip main line;

a ground plane on said second surface straddling said microstrip coupled lines;

said first surface being devoid of any ground plane;

said microstrip main line being substantially coextensive with said microstrip coupled lines.

2. A combiner as in claim 1 wherein:

said dielectric board has first and second ends; and which includes

first and second mounting brackets respectively secured to said first and second ends for mounting said combiner to another circuit board.

3. A combiner as in claim 2 wherein:

said mounting brackets are L-shaped such that said combiner is mounted at right angles to said other circuit board.

4. A combiner as in claim 1 wherein:

said dielectric board is of a ceramic/polytetrafluoroethylene material.

5. A combiner as in claim 1 wherein:

said microwave signals received by said plurality of cascaded microstrip coupled lines are identical.